DEPARTMENT OF COMMERCE ATTY, DOCKET NO. JUL 2 7 1998 (REV.7-80) PATENT AND TRADEMARK OFFICE 310098.401C1 09/005,318 APPLICANTS **CLOSURE STATEMENT** Mich B Hein et al. FILING DATE GROUP ART UNIT January 9, 1998 1614 1646 **U.S. PATENT DOCUMENTS** *EXAMINER DOCUMENT NUMBER DATE NAME FILING DATE CLASS **SUBCLASS** INITIAL IF APPROPRIATE AR 5,169,627 12/08/92 Cunningham-Rundles 424 85.91 5,202,422 04/13/93 ABHiatt and Hein 530 387.3 5,284,931 02/08/94 AC Springer et al. 424 85.8 5,639,947 06/17/97 AD Hiatt and Hein 800 205 DR 5,670,626 09/23/97 ΑE Chang 530 388.5 AF AG FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION NO ABSTRACT WR. JP 58-134032 AΗ 08/10/83 Japan (Derwent WPI Abstr. No. 83-767184) ΑI RECEIVED ΑK GROUP 1800 ΑJ OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Ferkol et al., "Gene Transfer into Respiratory Epithelial Cells by Targeting the Polymeric Immunoglobulin Receptor," J. Clin. Invest. 92: 2394-2400, 1993. AM Terskikh et al., "Dimeric Recombinant IgA Directed Against Carcino-Embryonic Antigen, A Novel Tool For Carcinoma Localization," Molecular Immunology 31(17): 1313-1319, AN 1994. Hendrickson et al., "Altered Hepatic Transport of Immunoglobulin A in Mice Lacking the J Chain," J. Exp. Med. 182: 1905-1911, 1995. AO Max and Korsmeyer, "Human J Chain Gene. Structure and Expression in B Lymphoid Cells," Journal of Experimental Medicine 161: 832-849, 1985. ΑP Frutiger et al., "Disulfide Bond Assignment in Human J Chain and Its Covalent Pairing with Immunoglobulin M," Biochemistry 31: 12643-12647, 1992. **EXAMINER** DATE CONSIDERED 02/27/00 Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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